

January 25, 2011

Los Angeles County **Board of Supervisors** 

> Gloria Molina First District

TO:

Each Supervisor

Mark Ridley-Thomas

Second District

Mitchell H. Katz, M.D.

Director

Zev Yaroslavsky

Third District

SUBJECT:

FROM:

STATUS REPORT ON KEY INDICATORS OF PROGRESS.

Don Knabe Fourth District HOSPITAL OPERATIONS, AND OTHER ISSUES RELATED TO THE TRANSITION TO THE NEW LAC+USC MEDICAL

CENTER - PROGRESS REPORT #48 (Agenda Item #S-1. January 25, 2011)

Michael D. Antonovich Fifth District

Mitchell H. Katz, M.D. Director

John F. Schunhoff, Ph.D. Chief Deputy Director This is to provide your Board with the bi-monthly report on the status of transitioning to the new LAC+USC Medical Center (LAC+USC). This report is the full monthly operational report with trends to include the month of December 2010.

Census Trending (ADC includes Psychiatric & Newborn Patients)

The Average Daily Census (ADC) for the month of December was 581 out of 671 licensed beds, an estimated 86% utilization rate (87% occupancy). The census for Medical/Surgical units was an estimated 98% utilization rate (100% occupancy) for December 2010.

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To ensure access to high-quality, patient-centered, cost-effective health care to Los Angeles residents through direct services at DHS facilities and through collaboration with community and university partners.

### **Emergency Department (ED) Indicators**

Key indicators in Attachment 1 including ED Wait Time, Left Without Being Seen, and the highest Crowding Level Comparison have all decreased during this period. ED Boarding Time remained relatively stable.

The Left Without Being Seen percentage of 2% is the lowest since the move to the Replacement Facility. In addition, the Dangerously Overcrowded Level Comparison is 14% for this period, which represents the lowest level since July 2010 and a significant decrease from last month. The number of patients transferred out this period is 13% less than November 2010. Average Length of Stay (ALOS) increased for December 2010.

If you have any questions or need additional information please contact me or Pete Delgado, LAC+USC Chief Executive Officer at (323) 409-2800.

#### Attachments

Chief Executive Office C: County Counsel

Executive Office, Board of Supervisors





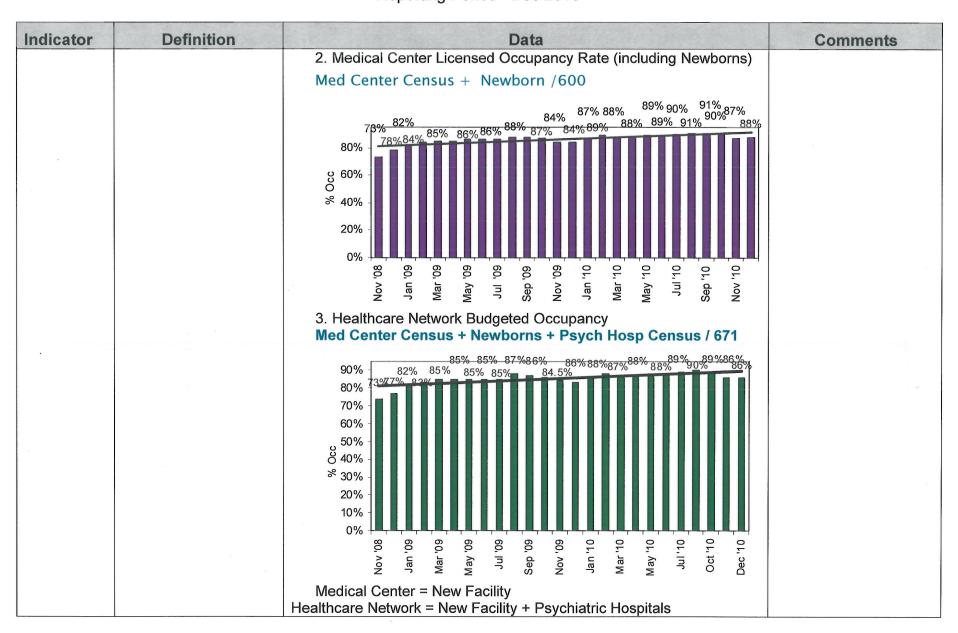
Operational Monitoring Report Reporting Period – Dec 2010

Indicator	Definition	Data	Comments
Indicator #1	<ul> <li>Trends in Average Dail</li> </ul>	y Census and Hospital Operations Metrics	
Average Daily Census (ADC)	ADC: A measure of the total number of inpatients occupying licensed beds on a daily basis reported as the arithmetic mean.  Calculation: Total number of admitted inpatients at 12:00 AM midnight daily, summed over the month and divided by the total number of days in the month.  Source of Data: Affinity	ADC  Too Joo Joo Joo Joo Joo Joo Joo Joo Joo	ADC provided as background information.

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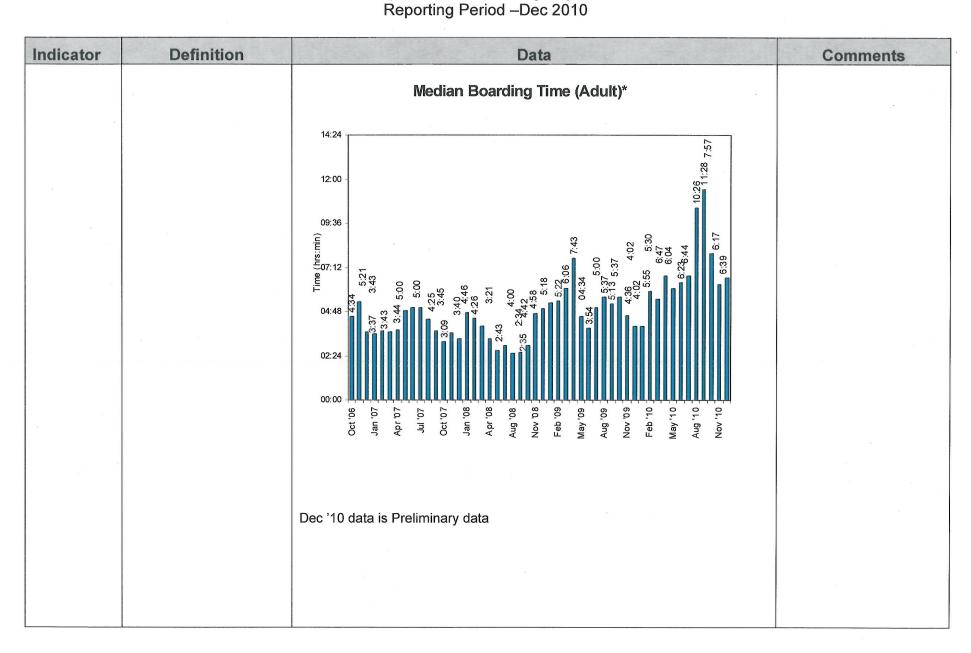
or comparison, cupancy rates corted in the old cility were reported cluding newborns and ere based on dgeted beds.
cilit clud ere

# LAC+USC Medical Center Operational Monitoring Report Reporting Period –Dec 2010



Indicator	Definition	Data	Comments
Indicator #2	- Emergency Departmen	t Metrics	
2a.  Median Emergency Department Boarding Time (EDBT)	Boarding Time: Time from MD Admit time (effective date and time of pre-admit) to time the patient actually leaves the ED en route to assigned bed (effective date and time of the ED disposition).	Time (nr:min)  14:54  4:58  5:22  5:14  6:04  6:23  6:04  6:23  6:04  6:18  6:18  6:18  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39  6:39	
*Harris Rodde Indicator	Calculation: The middle value in the set of individual boarding times for the month arranged in increasing order. If there is an even number of values, then the median is the average of the middle two values.	Time (P P P P P P P P P P P P P P P P P P P	
	Source of Data: Affinity Target: Less than 7 hours.	Dec '10 data is Preliminary data	

## LAC+USC Medical Center Operational Monitoring Report

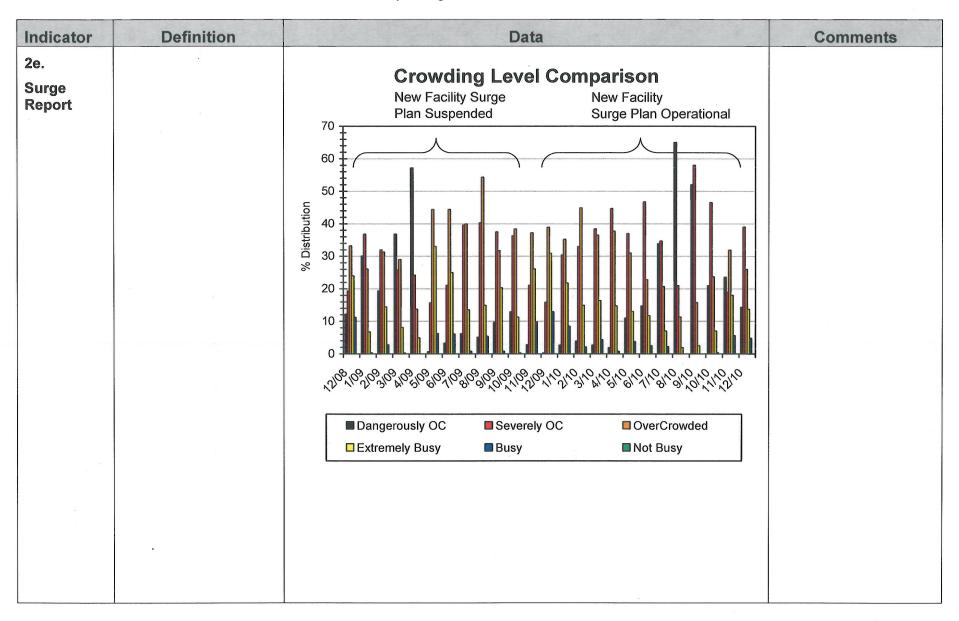


Indicator	Definition	Data	Comments
Indicator #2	- Emergency Departmen	t Metrics	
2b. ED Wait Time	ED Wait Time: Measured from time patient is triaged to time patient is either admitted or discharged reported as an arithmetic mean.  Definition: Sum of all wait time values during the monthly reporting period divided by the total number of values.  Source of Data: Affinity  Target: No target value. Lower numbers are better.	Average ED Wait Time  14:24  12:20  13:00  10:38  12:36 12:23  10:34  11:30  10:34  11:30  10:34  11:30  10:36  11:30  10:34  11:30  10:36  11:30  10:34  11:30  10:36  11:41  11:30  10:36  11:30  10:34  11:30  10:36  11:30  10:36  11:30  10:36  11:30  10:36  11:30  10:36  11:30  10:36  11:30  10:34  11:30  10:36  10:30  10	

Indicator	Definition	Data	Comments						
Indicator #2	ndicator #2 - Emergency Department Metrics								
2c. Left Without Being Seen (LWBS)	LWBS: The total number of patients who left the ED without being seen by a physician reported as a percentage of all ED visits.	Left Without Being Seen  2500  18%  16%							
*Harris Rodde Indicator	Calculation: The total number of patients who left the ED without being seen divided by the total number of ED patient visits on a monthly basis.  Source of Data: Affinity Target: No target value. Lower numbers are better.	14% 12% 1000 1000 1000 1000 1000 1000 1000							

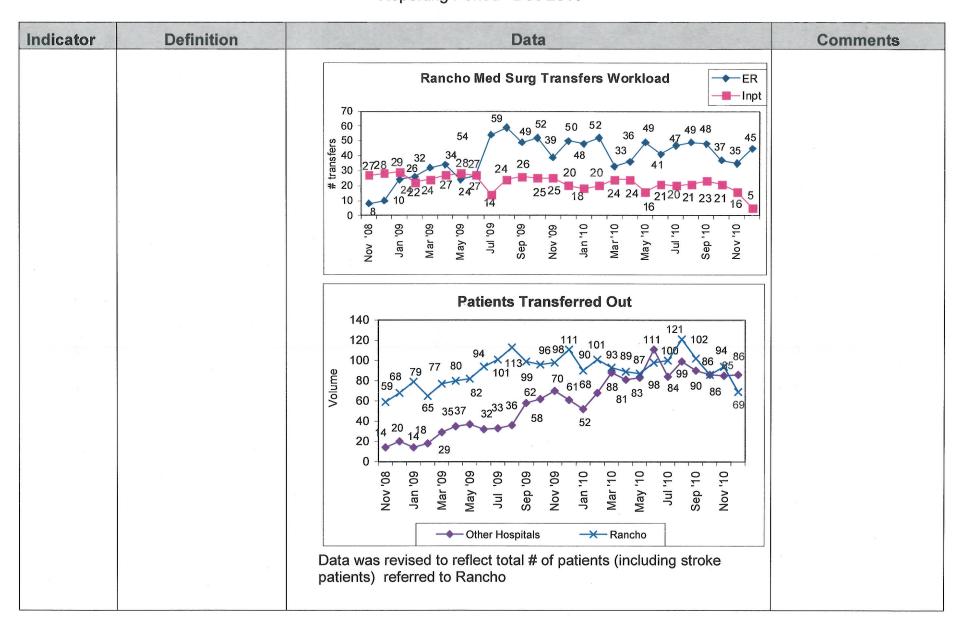
# LAC+USC Medical Center Operational Monitoring Report Reporting Period –Dec 2010

Indicator	Definition	Data	Comments
Indicator #2	- Emergency Departmen	t Metrics	
2d. ED Diversion	ED Diversion: A percentage measure of the time the ED diverts ambulance traffic away from the ED, reported as a function of the reason for diversion on a monthly basis.  Calculation: The total number of hours of ED diversion for a specific reason divided by the total number of available hours in a month.  Source of Data: ReddiNet	Diversion of ALS Units due to ED Saturation  80  70  80  60  49  45  42  34  42  34  42  44  40  38  36  30  25  20  10  90  90  90  90  90  90  90  90  9	This is slightly lower than the before move diversion history which generally ranged between 50-60%.  Key points:  Diversion is for paramedic runs only; Basic Life Support ambulances still arrive When diversion is requested but all hospitals in the area are on diversion, patients go to the closest hospital. Therefore, ambulances often arrive while "on diversion".



Indicator	Definition		Comments			
Indicator #3	- Trends for Patient Dive	ersions and Transfers & #4	– Transfers	to Rancho Los	Amigos Metric	s
3. & 4. Rancho	Transfers: The volume of patients transferred to RLAH for acute hospitalization	Month of Dec '10 Referrals from ER:				
Los Amigos			Med/Surg	Acute Stroke	Total	
Hospital (RLAH)	from the Emergency Department and from	# Met transfer criteria	46	NA	-	
Transfers	Inpatient Units.	# Referred to RLAH	46	19	65	
	D. 1. 0	# Transfers	45	19	64	
	Data Source: Manual record keeping.	# Denied	1	NA	-	
		# Cancelled	0*	NA	-	
	Cancelled category	# Patients refused*	0	NA	-	
	includes patients whose condition changed leading to higher level of care or	Referrals from Inpatients	<u>:</u> Med/Surg	Acute Stroke	Total	
	discharge home.		ivieu/ourg	Acute Stroke	Total	
		# Met transfer criteria	14	NA	-	
		# Referred to RLAH	10	0	10	
		# Transfers	5	0	5	
		# Denied	5	NA	_	
		# Cancelled	3*	NA	-	
		# Patients refused*	0	NA	-	
		Other /Pending	1	NA	-	

# LAC+USC Medical Center Operational Monitoring Report Reporting Period –Dec 2010



Indicator	Definition	Data	Comments
Indicator #5	– Harris Rodde Indicator	s	
5. Average Length of	LOS: The difference between discharge date and the admission date or 1 if	*Healthcare Network ALOS - Preliminary data pending Auditor-Controller validation  ALOS	Overall trend in ALOS for the 2-year period prior to the move reduced to a low range
Stay (ALOS)	the 2 dates are the same.  Total LOS:	6.5 6.5 6.4 6.5 6.1 6.1 6.4 5.8 5.7 5.7 5.8 5.8 6.0 6.0 5.8 5.7 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	of 4.7 – 5.5 days in 2008. Immediately prior to the move, the ALOS increased as the lower
*Harris Rodde Indicator	Calculation: ALOS is the arithmetic mean calculated by dividing the Total LOS by the Total # of discharges in the monthly reporting period, rounded off to	5.5 \$\sigma_{\text{pp}} 5 \\ \sigma_{\text{sol}} 5.5 \\ \sigma_{\text{sol}} 5.1 \\ \sigma_{\text{sol}} 5.3 \\ \sigma_{\text{sol}} 5.2 \\ \sigma_{\text{sol}} 5.3 \\ \sigma_{\text{sol}} 5.2 \\ \sigma_{\text{sol}} 5.3 \\ \sigma_{\text{sol}} 5.2 \\ \sigma_{\text{sol}} 5.3 \\ \sigma_{\text{sol}} 5.3 \\ \sigma_{\text{sol}} 5.4 \\ \sigma_{\text{sol}} 5.5 \\ \sigma_{\text{sol}} 5.5 \\ \sigma_{\text{sol}} 5.4 \\ \sigma_{\text{sol}} 5.5 \\ \sigma_{\text{sol}} 5.5 \\ \sigma_{\text{sol}} 5.5 \\ \sigma_{\text{sol}} 5.6 \\ \sigma_{\text{sol}} 5.7 \\ \sigma_{\text{sol}} 5.8 \\ \sigma_{\text{sol}} 5.6 \\ \sigma_{\text{sol}} 5.7 \\ \sigma_{\text{sol}	acuity patients were transferred to other facilities. This trend may continue depending on number of transfers.  *As of July 2010 with the consolidation of
mulcator	one decimal place.	2   Apr '05   Aug '05   Au	Ingleside and Hawkins, all psychiatric services are now included.
	Source of Data: Affinity Target: <5.5 days	—— Target ALOS ——— Actual ALOS	

Indicator	Definition			Data			Comments	
Indicator #6 – I	Pediatric Metrics							
6. Pediatric Bed	Census: The total number	The total number	Date	NICU (40 Beds)	Peds Ward (25 Beds)	PICU (10 Beds)	Med/Surg Adolescent (20 Beds)	
Census and	admitted pediatric	Nov-08	56%	54%	50%	33%		
Occupancy	inpatients at 12:00 AM midnight of a	Dec-08	52%	60%	60%	40%		
(%)	designated pediatric	Jan-09	52%	68%	70%	75%		
	ward.	Feb-09	50%	80%	80%	85%		
		Mar-09	57%	72%	70%	80%		
Pediatric ICU	Occupancy:	Apr-09	57%	60%	60%	75%		
(PICU)	The total number of	Jun-09	60%	64%	60%	75%		
Neonatal ICU	admitted pediatric	Jul-09	57%	72%	60%	80%		
(NICU)	inpatients divided by	Aug-09	55%	64%	60%	80%		
(INICO)	the total number of	Sep-09	55%	68%	70%	80%		
<b>Pediatric Unit</b>	licensed beds on that	Oct-09	45%	60%	60%	80%		
A -   -   4	unit and reported as	Nov-09	35%	64%	70%	70%		
Adolescent	percentage.	Dec-09	40%	64%	70%	65%		
Unit	portormager	Jan -10 Feb -10	60% 65%	68% 84%	70% 80%	70% 80%		
			Temper States	1000 00 10000	1000000			
	Source of Data:	Mar -10 Apr-10	65% 60%	68% 64%	60% 60%	75% 80%		
	Affinity	May -10	67.5%	68%	80%	80%		
		Jun -10	65%	64%	70%	80%		
		Jul -10	60%	68%	80%	85%		
		Aug -10	62%	68%	60%	85%		
		Sep -10	72.5%	60%	60%	80%		
		Oct -10	60%	60%	60%	75%		
		Nov-10	67.5%	48%	50%	70%		
		Dec -10	62%	60%	50%	65%		